

Title (en)
CHEMOENZYMATIC METHODS FOR THE SYNTHESIS OF STATINS AND STATIN INTERMEDIATES

Title (de)
CHEMOENZYMATISCHE VERFAHREN ZUR SYNTHESE VON STATINEN UND STATIN-ZWISCHENVERBINDUNGEN

Title (fr)
PROCEDES CHIMIOENZYMATIQUES DE SYNTHESE DE STATINES ET D'INTERMEDIAIRES DE STATINE

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Abstract (en)
[origin: WO2004027075A2] The invention provides novel aldolases, nucleic acids encoding them and methods for making and using them, including chemoenzymatic processes for making beta,delta-dihydroxyheptanoic acid side chains and compositions comprising these side chains, e.g., [R-(R*, R*)]-2-(4-fluorophenyl)-b, d-dihydroxy-5-(1-methylethyl)-3-phenyl-4-(phenylamino)carbonyl]-1H-pyrrole-l-heptanoic acid (atorvastatin, LIPITOR<TM>), rosuvastatin (CRESTOR<TM>), fluvastatin (LESCOL<TM>), related compounds and their intermediates.

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C12P 1/00

IPC 8 full level
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